**DAILY FIELD ACTIVITY REPORT**

**PROJECT NAME:** Pre-Remedial Design Investigation and Baseline Sampling, Portland Harbor Superfund Site

| **DATE:** July 22, 2018 | **WEATHER:** Mostly Sunny, High ~92 degrees F |
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**Personnel and Visitors Onsite:**
Research vessel Methow – CDM Smith: Mary Lou Fox; AECOM: Nikki Moody; Geosyntec: Luke Smith; Gravity Marine: Renee Trudeau, Pete Jenkins

**Planned Activity:**

- Perform subsurface sediment coring at locations near river mile (RM) 3.8 E and process cores.

**Activity Completed:**
A tailgate safety meeting was led by AECOM. Topics discussed included the expected hot weather, and weekend recreational activities on the river All personnel on the boat were familiar with location of safety equipment and the particulars of boat safety on the Methow.

Mary Lou Fox performed oversight of subsurface sediment coring from 8:00 to 17:30 on board the Methow. Specific activities completed by the AECOM/Geosyntec team, with vessel support from Gravity Marine, are as follows:

- GPS position checks were performed at the beginning and end of the day at the PH-2 control point at the Fred Devine property. GPS coordinates were within 1.85 meters of the PH-2 survey coordinates, meeting the 1-2 m accuracy specification in the FSP.
- Subsurface sediment coring was conducted at three locations between river miles 3 and 4. Details of sediment cores that were collected are provided below. Samples that were retained for processing and sampling were held on ice and then transported to the AECOM sample processing facility.

**Status of Schedule & Priority Work:**

- Subsurface sediment coring will continue on the Methow on Monday.
- Core processing will resume at the sample processing facility on Monday.

**Issues/Concerns/Resolutions (include work performed that was not planned or anticipated):**
None

**Samples Collected, Measurements Made, Photographs: (List Locations, Matrix & Sample type):**
None

Photographs of work were taken throughout the day and provided to EPA via email. Additional photos were taken and archived with a description included in the photolog Excel spreadsheet, which are maintained electronically in the ProjectWise project folder.

**Borings Completed (Include total footage drilled for each boring):**
The following sediment cores were completed on board the Methow (note the "-1" at the end of the sample number refers to the attempt number at a sample location).

- SC-SO42-1 – within 25 ft radius, penetration depth 6.7 ft, recovery depth 6.0 ft, core retained
- SC-SO45-1 – within 50 ft radius, penetration depth 6.5 ft, recovery depth 5.7 ft, core retained
- SC-SO61-1 – at edge of the 25 ft radius, penetration depth 5.5 ft, recovery depth 3.0 ft, core discarded
- SC-SO61-2 – at edge of the 25 ft radius, penetration depth 5.4 ft, recovery depth 3.6 ft, core discarded
- SC-SO61-3 – at edge of the 25 ft radius, penetration depth 6.7 ft, recovery depth 7.0 ft, overlying water present; core retained

**Wastes Generated and How Handled:**

- Sediment from cores that were not retained were returned to the river near the coring location after confirming that no NAPL or significant sheen was present.
- Disposable gloves, paper towels, and other general trash was containerized in a trash bag and removed daily for disposal in a municipal waste management dumpster.

**Health and Safety Issues, Equipment Needs, Staffing:**
None.

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| **Signature:** | Mary Lou Fox | **DATE** | July 22, 2018 |